Electronic Acknowledgement Receipt					
<b>EFS ID:</b> 7677221					
Application Number:	10087441				
International Application Number:					
Confirmation Number:	6649				
Title of Invention:	Models and methods for determining systemic properties of regulated reaction networks				
First Named Inventor/Applicant Name:	Bernhard O. Palsson				
Customer Number:	28213				
Filer:	Antony M. Novom				
Filer Authorized By:					
Attorney Docket Number:	UCSD1330-2				
Receipt Date:	26-MAY-2010				
Filing Date:	01-MAR-2002				
Time Stamp:	13:59:43				
Application Type:	Utility under 35 USC 111(a)				

# **Payment information:**

Submitted with Payment	no
------------------------	----

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Foreign Reference	WO199209300.pdf	60286 34a000ccb1a76dcee96fc337dfe0e2d96693 6ab7	no	1

### **Warnings:**

Information:

2	Foreign Reference	WO200136658.pdf	1831796	no	59	
-	Totalymeterence	1	7e15171f7dbda1193d637eaf849d23453a4 3cecd		39	
Warnings:						
Information:						
3	Foreign Reference	WO200157775A2.pdf	1921348	no	73	
	<u>-</u>		ced1a221d7acf403a5b1280ff6b3f355cff35 dc5			
Warnings:						
Information:			<del> </del>		<b>.</b>	
4	Foreign Reference	WO2002055995A2.pdf	2053750	no	84	
			5d5deeb800397c156ff5d68efd7683aa1b6 d83d5			
Warnings:						
Information:					_	
5	Foreign Reference	WO2002061115.pdf	3066629	no	61	
			1aaf869500e470dca0b17c4a5a8d19d73dff 7964			
Warnings:						
Information:						
6	Foreign Reference	WO2003106998A1.pdf	4588679	no	152	
	-	·	a3c49c8c04cec041a8c943df24494bf5bbcd cd3e			
Warnings:						
Information:						
7	NPL Documents	Adamowicz_1991_PQQ_Compl ements_Glucose_Negative_E_	1710814	no	4	
·		Coli.pdf	852f904acde2b39352cccb76641166bbcb7 e5a7f			
Warnings:						
Information:						
8	NPL Documents	Akutsu_1999_MathmaticalScie nce_OriginalAndTranslation.	8714703	no	14	
		pdf	0c50c3303495288012a64e8987e594d3c82 c7194		''	
Warnings:		'				
Information:						
		Alm_1999_Genomic_sequence	573399	no		
9	NPL Documents	.pdf	a52ba737a610e625039e580b606ed85b54 56cd7a		6	
Warnings:		1	1		I	
Information:						
10	10 NPL Documents	Alon_1999_Broad_Patterns.pdf	749118	no	6	
			74c2dc49eec470debf367063878a02b10b3 82044			
Warnings:		•			•	

11	NPL Documents	Altschul_1997_Gapped_BLAST andPSI_BLAST.pdf	1564855 66f14985a170d2cd437f4c9ede626576642a edbf	no	14
Warnings:			eubi		
Information:					
			1337907		
12	NPL Documents	Alter_2000_Singular_Value_De composition.pdf	dd196ee7ba4a43806d39c3902004cd802a9 d0a65	no	6
Warnings:		I			
Information:					
13	NPL Documents	Alves_2000_Ensembles_of_Me	1239387	no	14
	NI L DOCUMENTS	tabolic_Networks.pdf	4bff1c1ff5ffe70640dbc5ca583c124af77c9b c6	110	14
Warnings:					
Information:					
14	NPL Documents	Andre_1995_Overview_Membr ane_Transport_Proteins_Sacch		no	37
	W E Bocaments	aromyces_Cerevisiale.pdf	b56c0a66b322fe7f13cc9ec62aa7bd544801 90fd	110	3,
Warnings:					
Information:					
15	NPL Documents	Anonymous_1997_Yeast.pdf	156978	no	1
.5	, a good mento	,	619cc83a1e496aac662266f463f173f7f9e27 e34		·
Warnings:					
Information:					
16	NPL Documents	Appel_1994_New_Generation.	481963	no	3
		pdf	1003597608f471cd74e2cf2bb0f39bdbf0a0 1158		_
Warnings:					
Information:					
17	NPL Documents	Aristidou_2000_metabolic.pdf	449765	no	12
			85c8e2861b30b423295d2674e35f7d64b1f 96938		
Warnings:					
Information:					
18	NPL Documents	Attanoos_1995_lleostomy.pdf	1959382	no	5
		Actanoos_1555_neostoniy.par	f9569437f2fe235be50c695620bdf0b283dc 591c		_
Warnings:					
Information:					
19	NPL Documents	Baba_2006_Construction.pdf	409135	no	11
			6cea034f27921ed4c8d05e09142f98747499 571f		
Warnings:					
Information:					

20	NPL Documents	Bailey_2001_Complex_biology. pdf	56663	no	2
		pui [9	f908337bf156995a2cec0a3616d3f7839785 3fdb		
Warnings:					
Information:					
21	NPL Documents	Bailey_1994_Fitting_a_mixture.	180985	no	33
		pdf	567b38d9ae7a021e6f3ab1073a91ba929ea 6b73d		
Warnings:					
Information:					
22	NPL Documents	Bairoch_2000_Swiis_Prot.pdf	441320	no	4
			1eb0534cd5b99e0c2c65885b3d74774a170 cb0ea		
Warnings:					
Information:					
23	NPL Documents	Ball_2000_Integrating.pdf	529688	no	4
	THE Bocaments	ban_2000_mtcgrating.par	ff6194642af7847871b47154f82653aeabb2 354e		'
Warnings:					
Information:					
24	NPL Documents	Baltz_1998_DNA_Sequence.pdf	1428046	no	10
			211a71ab845d0ec0d8b73c143f28ca0bf6d 4e3d7		
Warnings:					
Information:					
25	NPL Documents	Ban_1972_Thymine_and_Uraci	543561	no	6
		l.pdf	aadb2741aa0ad22ed186b6871aee5196dec d8635		
Warnings:					
Information:					
26	NPL Documents	Bansal_2001_Integrating.pdf	615985	no	8
			ab74ade9c1297cff13192e06034807198e7c 1416		
Warnings:					
Information:					
27	NPL Documents	Bard_1977_Sterol_Mutants.pdf	610735	no	10
27	N E Bocamento	bara_1577_steroi_ivatants.par	e86e212c4455baf5c227a771ce67efbea041 a005		10
Warnings:				<u> </u>	
Information:					
	NDI Description	Poskove 2001 Lavara Carla 15		nc	
78	NPI Documents	Rackers 2001 Large Scale adf	686952	no	7
28	NPL Documents	Beckers_2001_Large_Scale.pdf		no	7
28 <b>Warnings:</b>	NPL Documents	Beckers_2001_Large_Scale.pdf	6d003aa4b47e15182e9af1bfbf7182fc0345	no	7

29	NPL Documents	Bell_1998_Composition.pdf	508711	no	9
29	W L Documents		ebeb0c7aad6783158a6c9a33707f2c68591 9d286	no	9
Warnings:		·			•
Information:					
30	NPL Documents	Benjamini_1995_Controlling.	248691	no	13
30	W E Bocaments	pdf	5389e2375a3f18b8bc42f6968081d87c909 48a68	110	
Warnings:		·			•
Information:					
31	NPL Documents	   Berry_1996_Improving_produc	602719	no	7
31	W E Documents	tion.pdf	1d648317dd116a3c04b830f213eb6740639 1a6ca	110	,
Warnings:		·			
Information:					
22	NDI Danimanta	Bialy_2001_Living_on_the_edg	355335		_
32	NPL Documents	es.pdf	7d455c0e46411d624bca0da05ed96db2c2 dbd0aa	no	2
Warnings:					
Information:					
22	NDI Danimanta	Biaudet_1997_Micado_a_Netw ork.pdf	687557	no	_
33	NPL Documents		369e491d8a6e332f91e18afb0042ad22e4b 847e2		8
Warnings:					<u> </u>
Information:					
24	NDI D	Birkholz_1994_Fumarate_redu	1169843		
34	NPL Documents	ctase.pdf	606d3f5432de3c1f490d3fa09d6cd4dd6686 ffd0	no	7
Warnings:					<u> </u>
Information:					
	ND D	51 524 5 16	307475		
35	NPL Documents	Birner_2001_Roles_of.pdf	b6447cfcb290bcf7fea303fd7afeb0e31d5ab acb	no	11
Warnings:					I
Information:					
		Blattner_1997_Complete_Gen	2046494	no	
36	NPL Documents	ome_Sequence.pdf	7094f557795dba09ccd867028567667f49d 439ca		10
Warnings:					· · · · · · · · · · · · · · · · · · ·
Information:					
37	NPL Documents	Arigoni_1998_Genome.pdf	1154738	no	6
<i>3,</i>	in a bocaments	/ ingoin_1550_denome.pdi	8e34337225d4541bcbcc846843a7e5823cc 334f4	110	
Warnings:					
Information:					

		Total Files Size (in bytes)	520	92698	
Information:			T		
Warnings:					
	Information Disclosure Statement (IDS) Filed (SB/08)		6	27	
	Transmittal Letter		1	5	
	Document [	Document Description		End	
	Mul	tipart Description/PDF files in .	zip description		
12		3011 <u>2_</u> 103.pa1	140f3a2bee8ea1914024d1c84e3169b8ec5 c8b35	yes	
42		SUPPL_IDS.pdf	1888360	yes	27
Information:					
Warnings:		1			<u> </u>
41	NPL Documents	Baxevanis_2002_Molecular_Bio logy.pdf	720025 2c5b94625f5ac5323dbf9da4334bde439a6 1b8ac	no	12
Information:			720025		
Warnings:					
		pdf	50664d31efcf0634b09348c8bcb9a0acbe9 d88ad		
40	NPL Documents	Blackstock_1999_Proteomics.	638182	no	7
Information:					
Warnings:		-	1		
39	NPL Documents	pdf	306f2d22bf2e52cd3d4ce211d657f18b735e d4ea	no	7
		Bianchi_2000_Hematologically.	395836		
Information:					
Warnings:			217 0		
38	NPL Documents	Benson_2000_GenBank.pdf	fbd3e0da8950de7295f2424a62e66a06f959 2f7d	no	4
			436721		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.